Uma Prathyusha Chinchili

BIG DATA ENGINEER

Experience –2.5 years(2020-Present) AtoS | Syntel

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PROFESSIONAL SUMMARY

Two years of experience in dealing with financial data and analytics using Data ingestion, storage, processing, querying, and analysis in the Big Data Hadoop Ecosystem

EDUCATIONAL BACKGROUND

2015–2019
B.tech, (C.S.E) Sasi Institute of Technology & Eng(Jawaharlal Nehru Technological University)

TECHNICAL SKILLS

Programming Language:
Python, MySQL, Hive.

Big Data: AWS,Hadoop, Hive, Sqoop,Spark, SparkSQL and Oozie.

PROFESSIONAL EXPERIENCE

Project Details: (06/2020 – 12/2020)
Project: Quant Database Team
Client: Manulife Insurance Company
Role: Data Engineer
Technology: BigData, Hive, Sqoop, Hadoop HDFS, MR
Project Description: QDB receives and stores data received from multiple sources,processes and sends this data to various QUANT tools,performance & reporting applications.The main downstream of QDB is Quant Information Strategy System(QISS).

Project Details:
Project: Global Retirement Leverage (Jan 2021 – Present)
Client: Manulife Insurance Company
Role: Data Engineer
Technology: BigData, Hive, Sqoop, Hadoop HDFS, Oozie.
Project Description: As part of Data Engineer team, we focusing on bringing Financial Transactions, Customer Information and Customer touch points data into the data lake and making it accessible to the business for reporting and analysis.

Responsibilities:

- Created data model for hive and developed hive queries as per business requirements to transform data for processing.
- Created schema in hive with performance optimization using bucketing and partitioning.
- Moving data from relational database into the hadoop raw zone using sqoop.
- Using beeline for moving data from the raw zone into the typed zone partitioned based on business requirements.
- Unit Testing the hive queries and makes sure it adheres to given requirements.
- Mockuping data in the source for data validation.
- Worked with Cloudera and Hortonworks and its different components.
- Developed hql for batch processing.
- Working experience with Global Wealth Assets & Investments domain for Manulife Data Engineering Project.
- Interacting with clients in gathering and understanding the requirements.

CERTIFICATIONS:

AWS certified cloud practitioner |Amazon Web Services (AWS)